GOVERNMENT OF INDIA
SHIPPING
LOK SABHA

UNSTARRED QUESTION NO:4777
ANSWERED ON:15.12.2016
Radio Frequency Identification (RFID) System
Vanaroja Smt. R.

Will the Minister of SHIPPING be pleased to state:

(a) whether some of the major ports in the country particularly Kamarajar Port Limited propose to implement Radio Frequency Identification (RFID) system to track the movement of men, materials and vehicles within the port premises on real time basis;
(b) if so, the details and the present status thereof, port-wise;
(c) the extent to which the implementation of RFID is likely to be advantageous in terms of time and cost reduction; and
(d) the timeframe set for implementation of RFID, port-wise?

Answer

MINISTER OF STATE IN THE MINISTRY OF SHIPPING
(SHRI PON. RADHAKRISHNAN)

(a)&(b): Yes, Madam. Present status of RFID system (Port-wise) is at Annexure.

(c) Implementation of RFID system will eliminate manual checking of documents at port gate and real time tracking of movement of vehicles, men & materials. This would reduce congestion and also cost of operations at Ports.

(d) All Major Ports have been directed to implement RFID system by 31.03.2017.

<pre>
ANNEXURE
Present status of RFID system (Port-wise)

S. No. Name of the Port Status
1. Kolkata Port Trust
? At Haldia Dock Complex (HDC), for RFID based Vehicle Tracking and Management System work order placed on 9.5.2016. Software developed and other activities are in process. The entire project will be implemented by 31.12.2016.
? At Kolkata Dock System (KDS), the system will be commissioned by March 2017.
2. Paradip Port Trust Already commissioned and implemented w.e.f. 25/09/2016
3. Vishakhapatnam Port Trust Work order issued to M/s Keltron. Site survey and installation is in progress. Will be completed by March 2017
4. Kamarajar Port Ltd
? The system has been installed and testing / trial run is in progress. Complete implementation by 31.12.2016.
5. Chennai Port Trust ? Pilot run of RFID in operation based Export document verification system for Export container trailers entering into ChPT started from 22.08.2016.
? For bulk cargo, the system will be implemented by 31.12.2016.
6. V.O.C Port Trust Work is in progress. Will be completed by 31.03.2017.
7. Cochin Port Trust
Fully functional since 20.07.2016 at Ernakulam Wharf.

Expected to be implemented at International Container Transhipment Terminal (ICTT) by 31.03.2017.
8. New Mangalore Port Trust â€¢ Work order issued on M/s CMS for comprehensive RFID on 12.07.2016 and scheduled to be completed by 31.12.2016.
9. Mormugao Port Trust Already completed w.e.f. 01.12.2016.
10. Jawaharlal Nehru Port Trust
? NSICT (D P world)& APMT (GTI) have commissioned RFID based gate automation.
? Work order has been placed by JNPCT for RFID based gate automation on 21.07.2016. The project shall be completed by 31.12.2016.
11. Mumbai Port Trust ? Work order is awarded to M/s Wipro. Will be completed by 31.03.2017.
12. Kandla Port Trust Under trial run. Already implemented at gate no 1 & 2. At gate No. 3., the system will be implemented by March 2017.
<pre>
*****